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RAW SEQUENCE LISTING

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Application Serial Number: 10/511,327
Source: PCT/10
Date Processed by STIC: 5/5/05

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RAW SEQUENCE LISTING DATE: 05/05/2005
PATENT APPLICATION: **US/10/511,327** TIME: 10:29:27

Input Set : **A:\2005-01-19 0933-0230PUS1.ST25.txt**
Output Set: **N:\CRF4\05052005\J511327.raw**

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      3 <110> APPLICANT: Harri SAVILAHTI et al.
      5 <120> TITLE OF INVENTION: METHOD AND MATERIALS FOR PRODUCING DELETION DERIVATIVES OF
POLYPEPTIDES
      7 <130> FILE REFERENCE: 0933-0230PUS1
      9 <140> CURRENT APPLICATION NUMBER: US 10/511,327
     10 <141> CURRENT FILING DATE: 2004-10-15
     12 <160> NUMBER OF SEQ ID NOS: 16
     14 <170> SOFTWARE: PatentIn Ver. 2.1
     16 <210> SEQ ID NO: 1
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     18 <212> TYPE: DNA
     19 <213> ORGANISM: Artificial Sequence
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     32 <213> ORGANISM: Artificial Sequence
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     41 agcacacggt cacactgctt ccggtagtca ataaaccggt aaaccagcaa tagacataag 180
     42 cggctattta acgaccctgc cctgaaccga cgaccgggtc gaatttgctt tcgaatttct 240
     43 gccattcatc cgcttattat cacttattca ggcgtagcaa ccaggcgttt aagggcacca 300
     44 ataactgcct taaaaaaatt acgccccgcc ctgccactca tcgcagtact gttgtaattc 360
     45 attaagcatt ctgccgacat ggaagccatc acaaacggca tgatgaacct gaatcgccag 420
     46 cggcatcagc accttgtcgc cttgcgtata atatttgccc atggtgaaaa cgggggcgaa 480
     47 gaagttgtcc atattggcca cgtttaaatc aaaactggtg aaactcaccc agggattggc 540
     48 tgagacgaaa aacatattct caataaaccc tttagggaaa taggccaggt tttcaccgta 600
     49 acacgccaca tcttgcgaat atatgtgtag aaactgccgg aaatcgtcgt ggtattcact 660
     50 ccagagcgat gaaaacgttt cagtttgctc atggaaaacg gtgtaacaag ggtgaacact 720
     51 atcccatatc accagctcac cgtctttcat tgccatacgt aattccggat gagcattcat 780
     52 caggcgggca agaatgtgaa taaaggccgg ataaaacttg tgcttatttt tctttacggt 840
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     54 ctgaaatgcc tcaaaatgtt ctttacgatg ccattgggat atatcaacgg tggtatatcc 960
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     56 tacgcccggt agtgatctta tttcattatg gtgaaagttg gaacctctta cgtgccgatc 1080
     57 aacgtctcat tttcgccaaa agttggccca gggcttcccg gtatcaacag ggacaccagg 1140
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58 atttatttat tctgcgaagt gatcttccgt cacaggtatt tattcggtcg aaaaggatcc 1200
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63 <211> LENGTH: 54
64 <212> TYPE: DNA
65 <213> ORGANISM: Bacteriophage Mu
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77 <223> OTHER INFORMATION: Description of Artificial Sequence: Modified Mu
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87 <213> ORGANISM: Artificial Sequence
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91       end sequence without 5' overhang
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98 <211> LENGTH: 19
99 <212> TYPE: DNA
100 <213> ORGANISM: Artificial Sequence
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103 <223> OTHER INFORMATION: Description of Artificial Sequence: Sequencing
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115 <220> FEATURE:
116 <223> OTHER INFORMATION: Description of Artificial Sequence: Modified Tn7
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122 tcgtgctcct gtcgttgagg acccggctag gctggcgggg ttgccttact ggttagcaga 180
123 atgaatcacc gatacgcgag cgaacgtgaa gcgactgctg ctgcaaaacg tctgcgacct 240
124 gagcaacaac atgaatggtc ttcggtttcc gtgtttcgta aagtctggaa acgcggaagt 300
125 cagcgccctg caccattatg ttccggatct atgtcgggtg cggagaaaga ggtaatgaaa 360
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126 tggcagatcc ctggcttgtt gtccacaacc gttaaacctt aaaagcttta aaagccttat 420
127 atattctttt ttttcttata aaacttaaaa ccttagaggc tatttaagtt gctgatttat 480
128 attaatttta ttgttcaaac atgagagctt agtacgtgaa acatgagagc ttagtacgtt 540
129 agccatgaga gcttagtacg ttagccatga gggtttagtt cgttaaacat gagagcttag 600
130 tacgttaaac atgagagctt agtacgtgaa acatgagagc ttagtacgta ctatcaacag 660
131 gttgaactgc tgatcttcgg atctatgtcg ggtgcggaga aagaggtaat gaaatggcag 720
132 atccctggct tgttgtccac aaccgttaaa ccttaaaagc tttaaaagcc ttatatattc 780
133 tttttttttct tataaaactt aaaaccttag aggctattta agttgctgat ttatattaat 840
134 tttattgttc aaacatgaga gcttagtacg tgaaacatga gagcttagta cgttagccat 900
135 gagagcttag tacgttagcc atgagggttt agttcgttaa acatgagagc ttagtacgtt 960
136 aaacatgaga gcttagtacg tgaaacatga gagcttagta cgtactatca acaggttgaa 1020
137 ctgctgatct tcggatctat gtcgggtgcg gagaaagagg taatgaaatg gcatccggat 1080
138 ctgcatcgca ggatgctgct ggctaccctg tggaacacct acatctgtat taacgaagca 1140
139 ttattgaagc atttatcagg gttattgtct catgagcgga tacatatttg aatgtattta 1200
140 gaaaaataaa caaatagggg ttccgcgcac atttccccga aaagtgccac ctgacgtcta 1260
141 agaaaccatt attatcatga cattaaccta taaaaatagg cgtatcacga ggccctttcg 1320
142 tcttcaagaa ttctcatgtt tgacagctta tcatcgataa gctttaatgc ggtagtttat 1380
143 cacagttaaa ttgctaacgc agtcaggcac cgtgtatgaa atctaacaat gcgctcatcg 1440
144 tcatcctcgg caccgtcacc ctggatgctg taggcatagg cttggttatg ccggtactgc 1500
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147 gctttggccg ccgcccagtc ctgctcgctt cgctacttgg agccactatc gactacgcga 1680
148 tcatggcgac cacacccgtc ctgtggatcc tctacgccgg acgcatcgtg gccggcatca 1740
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153 gtcgaccgat gcccttgaga gccttcaacc cagtcagctc cttccggtgg gcgcggggca 2040
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170 tttatcagaa gccagacatt aacgcttctg gagaaactca acgagctgga cgcggatgaa 3060
171 caggcagagc tcttactgtc atgccatccg tatgagtgag tagaataaag tcttaaactg 3120
172 aacaaaatag atctaaacta tgacaataaa gtcttaaact agacagaata gttgtaaact 3180
173 gaaatcagtc cagttatgct gtgaaaaagc atactggact tttgttatgg ctaaagcaaa 3240
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177 atccagccag aaagtgaggg agccacggtt gatgagagct ttgttgtagg tggaccagtt 3480
178 ggtgattttg aacttttgct ttgccacgga acggtctgcg ttgtcgggaa gatgcgtgat 3540
179 ctgatccttc aactcagcaa gagttcgatt tattcaacaa agccgccgtc ccgtcaagtc 3600
180 agcgtaatgc tctgccagtg ttacaaccaa ttaaccaatt ctgattagaa aaactcatcg 3660
181 agcatcaaat gaaactgcaa tttattcata tcaggattat caataccata tttttgaaaa 3720
182 agccgtttct gtaatgaagg agaaaactca ccgaggcagt tccataggat ggcaagatcc 3780
183 tggtatcggt ctgcgattcc gactcgtcca acatcaatac aacctattaa tttcccctcg 3840
184 tcaaaaataa ggttatcaag tgagaaatca ccatgagtga cgactgaatc cggtgagaat 3900
185 ggcaaaagct tatgcatttc tttccagact tgttcaacag gccagccatt acgctcgtca 3960
186 tcaaaatcac tcgcatcaac caaaccgtta ttcattcgtg attgcgcctg agcgagacga 4020
187 aatacgcgat cgctgttaaa aggacaatta caaacaggaa tcgaatgcaa ccggcgcagg 4080
188 aacactgcca gcgcatcaac aatattttca cctgaatcag gatattcttc taatacctgg 4140
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193 ttatacccat ataaatcagc atccatgttg gaatttaatc gcggcctcga gcaagacgtt 4440
194 tcccgttgaa tatggctcat aacacccctt gtattactgt ttatgtaagc agacagtttt 4500
195 attgttcatg atgatatatt tttatcttgt gcaatgtaac atcagagatt ttgagacaca 4560
196 acgtggctta ctaggatccg atatcattta aatctaggga taacagggta atactagtgt 4620
197 cgaccaacca gataagtgaa atctagttcc aaactatttt gtcattttta attttcgtat 4680
198 tagcttacga cgctacaccc agttcccatc tattttgtca ctcttcccta aataatcctt 4740
199 aaaaactcca tttccacccc tcccagttcc caactatttt ctactcactc accgtaagat 4800
200 gcttttctgt gact                                                    4814
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217 <211> LENGTH: 43
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219 <213> ORGANISM: Artificial Sequence
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222 <223> OTHER INFORMATION: Description of Artificial Sequence:
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225 <400> SEQUENCE: 9
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230 <211> LENGTH: 22
231 <212> TYPE: DNA
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234 <220> FEATURE:
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235 <223> OTHER INFORMATION: Description of Artificial Sequence:
236 Oligonucleotide primer
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281 <210> SEQ ID NO: 14
282 <211> LENGTH: 50
283 <212> TYPE: DNA
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286 <400> SEQUENCE: 14
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290 <210> SEQ ID NO: 15
291 <211> LENGTH: 50
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302 <210> SEQ ID NO: 16
303 <211> LENGTH: 50
304 <212> TYPE: DNA
305 <213> ORGANISM: Artificial Sequence

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